

# Daily Report

## California Irrigation Management Information System

Department of Water Resources

Office of Water Use Efficiency

Rendered in ENGLISH units

January 1, 2002 - December 31, 2002

Printed on June 17, 2004

### Monterey Bay - San Juan Valley - 143

| Date     | CIMIS ETo (in) | Precip (in) | Sol Rad (Ly/day) | Avg Vap (mBars) | Max Air Temp (°F) | Min Air Temp (°F) | Avg Air Temp (°F) | Max Rel Hum (%) | Min Rel Hum (%) | Avg Rel Hum (%) | Dew Pt (°F) | Avg wSpd (MPH) | Wnd Run (miles) | Avg Soil Temp (°F) |
|----------|----------------|-------------|------------------|-----------------|-------------------|-------------------|-------------------|-----------------|-----------------|-----------------|-------------|----------------|-----------------|--------------------|
| 01/01/02 | 0.03           | 0.02        | 133              | 14.2            | 63.2              | 47.4              | 54.4              | 100             | 84              | 98              | 54.0        | 3.1            | 75.3            | 52.8               |
| 01/02/02 | 0.00           | 0.32        | 56               | 15.5 Y          | 58.4              | 54.3 Y            | 56.1              | 100             | 100             | 100 Y           | 56.1 Y      | 3.0            | 71.4            | 53.8               |
| 01/03/02 | 0.06           | 0.00        | 255              | 11.0            | 61.0              | 38.4              | 50.1              | 100             | 63              | 89              | 47.0        | 3.2            | 76.1            | 53.0               |
| 01/04/02 | 0.05           | 0.00        | 224              | 9.8             | 62.5              | 35.3              | 46.6              | 100             | 63              | 91              | 44.0        | 3.1            | 75.4            | 50.4               |
| 01/05/02 | 0.04           | 0.00        | 188              | 10.4            | 65.0              | 38.0              | 48.8              | 100             | 55              | 88              | 45.5        | 2.8            | 68.7            | 49.8               |
| 01/06/02 | 0.02           | 0.00        | 108              | 11.3            | 62.5              | 40.3              | 50.4              | 98              | 70              | 90              | 47.7        | 2.8            | 67.2            | 50.7               |
| 01/07/02 | 0.03           | 0.00        | 138              | 10.1            | 58.4              | 38.2              | 47.7              | 99              | 70              | 90              | 44.9        | 2.6            | 61.8            | 49.8               |
| 01/08/02 | 0.04           | 0.00        | 188              | 11.5            | 65.4              | 38.9              | 50.5              | 100             | 69              | 92              | 48.3        | 2.9            | 71.0            | 49.7               |
| 01/09/02 | 0.02           | 0.00        | 120              | 13.3            | 61.5              | 44.9              | 53.7              | 100             | 78              | 94              | 52.1        | 3.0            | 73.2            | 51.8               |
| 01/10/02 | 0.06           | 0.00        | 338 R            | 11.3            | 65.0              | 32.0              | 53.7              | 100             | 59              | 81              | 47.9        | 3.8            | 91.9            | 51.0               |
| 01/11/02 | 0.06           | 0.00        | 269              | 9.9             | 71.0              | 36.5              | 49.3              | 100             | 55              | 83              | 44.3        | 3.0            | 72.0            | 49.5               |
| 01/12/02 | 0.05           | 0.00        | 228              | 10.1            | 63.6              | 37.3              | 47.8              | 100             | 63              | 89              | 44.7        | 3.4            | 82.4            | 49.3               |
| 01/13/02 | 0.06           | 0.00        | 267              | 8.9             | 63.1              | 36.3              | 45.8              | 100             | 54              | 85              | 41.5        | 3.4            | 81.3            | 48.5               |
| 01/14/02 | 0.02           | 0.00        | 96               | 8.8             | 50.5              | 32.9              | 43.5              | 99              | 77              | 92              | 41.3        | 3.2            | 78.0            | 48.4               |
| 01/15/02 | 0.06           | 0.00        | 274              | 6.3             | 54.7              | 28.1              | 38.9              | 100             | 45              | 78              | 32.8        | 2.9            | 69.4            | 45.9               |
| 01/16/02 | 0.06           | 0.00        | 251              | 6.1             | 52.6              | 24.8              | 37.0              | 98              | 54              | 82              | 32.0        | 3.6            | 86.9            | 44.1               |
| 01/17/02 | 0.05           | 0.00        | 213              | 6.9             | 55.2              | 25.4              | 39.0              | 98              | 63              | 86              | 35.1        | 3.9            | 93.4            | 43.6               |
| 01/18/02 | 0.06           | 0.00        | 280              | 6.7             | 58.9              | 25.3              | 39.8              | 100             | 45              | 80              | 34.2        | 2.8            | 66.8            | 43.5               |
| 01/19/02 | 0.06           | 0.00        | 281              | 6.7             | 56.7              | 25.8              | 40.2              | 99              | 53              | 79              | 34.2        | 4.0            | 96.6            | 43.4               |
| 01/20/02 | 0.06           | 0.00        | 277              | 7.0             | 60.5              | 28.8              | 43.9              | 97              | 35              | 72              | 35.4        | 3.4            | 83.2            | 44.0               |
| 01/21/02 | 0.05           | 0.01        | 203              | 9.3             | 57.9              | 33.3              | 45.6              | 100             | 70              | 89              | 42.7        | 4.1            | 98.8            | 45.4               |
| 01/22/02 | 0.07           | 0.00        | 264              | 6.3             | 52.4              | 30.5              | 40.8              | 95              | 45              | 73              | 32.9        | 4.7            | 112.4           | 44.9               |
| 01/23/02 | 0.06           | 0.00        | 294              | 6.4             | 55.5              | 26.2              | 39.4              | 99              | 46              | 78              | 33.0        | 3.0            | 72.5            | 43.4               |
| 01/24/02 | 0.07           | 0.00        | 294              | 6.3             | 61.2              | 25.5              | 40.3              | 97              | 38              | 74              | 32.6        | 2.9            | 69.0            | 42.9               |
| 01/25/02 | 0.07           | 0.00        | 280              | 7.0             | 61.8              | 28.8              | 42.6              | 97              | 40              | 75              | 35.3        | 3.8            | 91.4            | 43.4               |
| 01/26/02 | 0.01           | 0.10        | 79               | 10.0            | 56.3              | 36.5              | 46.5              | 100             | 80              | 93              | 44.7        | 3.3            | 79.8            | 45.4               |
| 01/27/02 | 0.06           | 0.00        | 267              | 7.5             | 53.4              | 31.1              | 43.0              | 97              | 49              | 80              | 37.1        | 3.6            | 86.5            | 46.1               |
| 01/28/02 | 0.04           | 0.22        | 203              | 7.0             | 51.0              | 30.4              | 37.5              | 100             | 61              | 91              | 35.2        | 3.6            | 87.9            | 44.1               |
| 01/29/02 | 0.05           | 0.00        | 242              | 6.5             | 50.0              | 30.4              | 37.8              | 100             | 59              | 85              | 33.7        | 3.3            | 78.5            | 43.9               |
| 01/30/02 | 0.07           | 0.00        | 319              | 5.5             | 54.2              | 24.0              | 36.5              | 100             | 38              | 75              | 29.4        | 2.7            | 64.2            | 42.3               |

# Daily Report

## Monterey Bay - San Juan Valley - 143

| Date     | CIMIS ETo (in) | Precip (in) | Sol Rad (Ly/day) | Avg Vap (mBars) | Max Air Temp (°F) | Min Air Temp (°F) | Avg Air Temp (°F) | Max Rel Hum (%) | Min Rel Hum (%) | Avg Rel Hum (%) | Dew Pt (°F) | Avg wSpd (MPH) | Wnd Run (miles) | Avg Soil Temp (°F) |
|----------|----------------|-------------|------------------|-----------------|-------------------|-------------------|-------------------|-----------------|-----------------|-----------------|-------------|----------------|-----------------|--------------------|
| 01/31/02 | 0.07           | 0.00        | 321              | 5.6             | 57.9              | 23.3              | 37.5              | 98              | 37              | 74              | 30.0        | 2.9            | 69.0            | 41.5               |
| Totals   | 1.51           | 0.67        | 224              | 8.8             | 58.8              | 33.2              | 44.7              | 99              | 59              | 85              | 40.3        | 3.3            | 79.1            | 47.0               |

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|----------|----------------|-------------|------------------|-----------------|-------------------|-------------------|-------------------|-----------------|-----------------|-----------------|-------------|----------------|-----------------|--------------------|
| 02/01/02 | 0.07           | 0.00        | 299              | 6.6             | 57.6              | 28.2              | 40.4              | 97              | 45              | 77              | 33.8        | 3.1            | 74.6            | 42.1               |
| 02/02/02 | 0.07           | 0.00        | 323              | 7.4             | 62.1              | 28.2              | 42.5              | 98              | 45              | 80              | 36.7        | 3.2            | 77.0            | 42.6               |
| 02/03/02 | 0.07           | 0.00        | 310              | 8.0             | 62.9              | 29.8              | 44.1              | 100             | 46              | 81              | 38.8        | 3.6            | 88.0            | 43.6               |
| 02/04/02 | 0.09           | 0.00        | 343              | 7.2             | 66.8              | 28.2              | 44.8              | 96              | 36              | 72              | 36.2        | 3.3            | 80.4            | 43.6               |
| 02/05/02 | 0.07           | 0.00        | 307              | 7.8             | 65.5              | 28.7              | 44.3              | 100             | 46              | 79              | 38.3        | 3.2            | 76.6            | 43.8               |
| 02/06/02 | 0.09           | 0.00        | 332              | 8.9             | 62.1              | 30.3              | 45.5              | 100             | 49              | 85              | 41.4        | 4.4            | 106.3           | 44.5               |
| 02/07/02 | 0.03           | 0.39        | 167              | 12.9            | 61.0              | 42.4              | 52.6              | 100             | 79              | 95              | 51.4        | 5.1            | 122.9           | 47.1               |
| 02/08/02 | 0.08           | 0.04        | 347              | 9.5             | 59.6              | 36.8              | 48.7              | 98              | 59              | 81              | 43.1        | 3.8            | 91.9            | 48.5               |
| 02/09/02 | 0.09           | 0.00        | 355              | 7.9             | 65.6              | 30.7              | 46.3              | 97              | 44              | 74              | 38.5        | 3.5            | 85.3            | 46.5               |
| 02/10/02 | 0.09           | 0.00        | 358              | 8.4             | 74.7              | 34.1              | 50.0              | 98              | 29              | 68              | 40.0        | 3.0            | 71.7            | 46.4               |
| 02/11/02 | 0.08           | 0.00        | 314              | 8.2             | 72.1              | 34.3              | 50.0              | 93              | 32              | 67              | 39.5        | 3.1            | 75.1            | 46.8               |
| 02/12/02 | 0.08           | 0.00        | 298              | 9.0             | 67.8              | 34.8              | 49.6              | 98              | 43              | 75              | 41.9        | 2.8            | 68.4            | 47.0               |
| 02/13/02 | 0.03           | 0.00        | 136              | 10.7            | 55.9              | 38.1              | 49.4              | 97              | 79              | 89              | 46.3        | 3.1            | 75.3            | 47.7               |
| 02/14/02 | 0.03           | 0.00        | 145              | 11.3            | 59.4              | 42.7              | 49.7              | 99              | 75              | 93              | 47.7        | 3.4            | 81.4            | 48.8               |
| 02/15/02 | 0.04           | 0.00        | 164              | 10.9            | 57.5              | 42.5              | 51.1              | 97              | 69              | 85              | 46.7        | 3.8            | 92.9            | 49.6               |
| 02/16/02 | 0.06           | 0.22        | 220              | 10.4            | 59.9              | 39.6              | 49.2              | 100             | 64              | 87              | 45.5        | 3.8            | 92.6            | 49.2               |
| 02/17/02 | 0.05           | 0.29        | 231              | 9.9             | 54.5              | 40.7              | 47.5              | 100             | 73              | 89              | 44.3        | 6.1            | 146.6           | 49.2               |
| 02/18/02 | 0.05           | 0.00        | 216              | 10.0            | 55.7              | 37.7              | 47.7              | 100             | 66              | 89              | 44.6        | 2.9            | 69.6            | 48.9               |
| 02/19/02 | 0.03           | 0.04        | 155              | 13.0            | 58.6              | 47.6              | 52.8              | 100             | 87              | 95              | 51.5        | 3.2            | 77.8            | 50.1               |
| 02/20/02 | 0.08           | 0.03        | 321              | 14.3            | 68.6              | 48.8              | 56.9              | 100             | 69              | 91              | 54.2        | 3.0            | 72.8            | 52.0               |
| 02/21/02 | 0.11           | 0.00        | 388              | 15.2            | 74.4              | 50.1              | 59.3              | 100             | 64              | 88              | 55.9        | 3.4            | 81.8            | 53.6               |
| 02/22/02 | 0.12           | 0.00        | 352              | 12.8            | 76.5              | 43.1              | 56.4              | 100             | 56              | 82              | 51.0        | 5.8            | 139.5           | 53.4               |
| 02/23/02 | 0.09           | 0.00        | 331              | 11.4            | 62.3              | 43.4              | 53.2              | 98              | 64              | 82              | 48.0        | 4.8            | 115.1           | 53.5               |
| 02/24/02 | 0.10           | 0.00        | 370              | 11.2            | 67.3              | 43.6              | 53.2              | 97              | 56              | 81              | 47.6        | 3.3            | 78.9            | 52.5               |
| 02/25/02 | 0.12           | 0.00        | 418              | 10.9            | 73.5              | 38.1              | 54.6              | 100             | 43              | 75              | 46.9        | 3.5            | 85.5            | 52.2               |
| 02/26/02 | 0.11           | 0.00        | 382              | 10.7            | 76.2              | 36.9              | 55.7              | 94              | 40              | 70              | 46.2        | 3.1            | 75.1            | 52.1               |
| 02/27/02 | 0.13           | 0.00        | 403              | 12.0            | 77.1              | 47.5              | 59.5              | 97              | 37              | 69              | 49.3        | 3.5            | 85.5            | 53.7               |
| 02/28/02 | 0.13           | 0.00        | 432              | 10.3            | 77.3              | 38.1              | 54.4              | 98              | 37              | 72              | 45.4        | 3.6            | 87.8            | 53.1               |
| Totals   | 2.19           | 1.01        | 301              | 10.2            | 65.4              | 38.0              | 50.3              | 98              | 55              | 81              | 44.7        | 3.7            | 88.4            | 48.6               |

## Monterey Bay - San Juan Valley - 143

| Date     | CIMIS ETo (in) | Precip (in) | Sol Rad (Ly/day) | Avg Vap (mBars) | Max Air Temp (°F) | Min Air Temp (°F) | Avg Air Temp (°F) | Max Rel Hum (%) | Min Rel Hum (%) | Avg Rel Hum (%) | Dew Pt (°F) | Avg wSpd (MPH) | Wnd Run (miles) | Avg Soil Temp (°F) |
|----------|----------------|-------------|------------------|-----------------|-------------------|-------------------|-------------------|-----------------|-----------------|-----------------|-------------|----------------|-----------------|--------------------|
| 03/01/02 | 0.13           | 0.00        | 439              | 6.5             | 67.8              | 36.6              | 50.5              | 96              | 25              | 52              | 33.4        | 4.2            | 101.4           | 51.5               |

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|----------|----------------|-------------|------------------|-----------------|-------------------|-------------------|-------------------|-----------------|-----------------|-----------------|-------------|----------------|-----------------|--------------------|
| 03/02/02 | 0.13           | 0.00        | 442              | 7.1             | 69.6              | 30.9              | 49.1              | 95              | 32              | 60              | 35.8        | 4.0            | 97.2            | 49.9               |
| 03/03/02 | 0.13           | 0.00        | 434              | 7.1             | 71.6              | 32.7              | 49.8              | 97              | 30              | 59              | 35.9        | 3.6            | 86.0            | 50.0               |
| 03/04/02 | 0.13           | 0.00        | 432              | 7.9             | 71.6              | 34.5              | 49.7              | 94              | 34              | 65              | 38.5        | 4.0            | 95.9            | 50.2               |
| 03/05/02 | 0.11           | 0.00        | 389              | 10.4            | 64.7              | 38.4              | 51.4              | 97              | 57              | 81              | 45.6        | 4.8            | 115.2           | 51.1               |
| 03/06/02 | 0.09           | 0.18        | 314              | 12.7            | 63.2              | 50.0              | 55.6              | 99              | 64              | 84              | 50.9        | 7.5 Y          | 180.7 Y         | 53.0               |
| 03/07/02 | 0.06           | 0.19        | 210              | 10.7            | 60.5              | 39.0              | 50.5              | 100             | 69              | 85              | 46.3        | 7.2            | 173.7           | 52.7               |
| 03/08/02 | 0.11           | 0.00        | 457              | 6.5             | 59.6              | 30.3              | 43.9              | 92              | 39              | 66              | 33.5        | 3.3            | 78.9            | 49.5               |
| 03/09/02 | 0.09           | 0.00        | 342              | 8.1             | 58.7              | 32.6              | 44.4              | 96              | 56              | 82              | 39.1        | 4.6            | 110.9           | 48.9               |
| 03/10/02 | 0.07           | 0.06        | 305              | 11.0            | 64.1              | 42.7              | 50.7              | 98              | 57              | 88              | 47.2        | 3.1            | 75.2            | 50.5               |
| 03/11/02 | 0.13           | 0.00        | 453              | 11.1            | 70.2              | 39.9              | 54.9              | 100             | 51              | 76              | 47.4        | 3.8            | 92.7            | 51.9               |
| 03/12/02 | 0.13           | 0.00        | 430              | 11.3            | 67.7              | 42.6              | 54.3              | 100             | 52              | 78              | 47.8        | 4.6            | 110.6           | 53.1               |
| 03/13/02 | 0.09           | 0.00        | 293              | 7.7             | 57.5              | 40.0              | 47.9              | 87              | 51              | 67              | 37.6        | 6.9            | 166.5           | 51.4               |
| 03/14/02 | 0.14           | 0.00        | 485              | 6.8             | 59.8              | 36.0              | 46.9              | 88              | 38              | 62              | 34.6        | 5.2            | 124.7           | 49.9               |
| 03/15/02 | 0.10           | 0.06        | 374              | 7.6             | 55.5              | 31.0              | 44.1              | 98              | 55              | 78              | 37.6        | 6.5            | 158.0           | 49.0               |
| 03/16/02 | 0.09           | 0.00        | 316              | 7.5             | 56.1              | 38.4              | 46.8              | 86              | 45              | 69              | 37.2        | 9.0 R          | 218.4 R         | 48.7               |
| 03/17/02 | 0.02           | 0.44        | 140              | 8.6             | 46.7 Y            | 36.9              | 43.3              | 98              | 77              | 90              | 40.5        | 4.2            | 102.2           | 48.7               |
| 03/18/02 | 0.14           | 0.00        | 515              | 6.5             | 61.2              | 32.1              | 45.9              | 95              | 34              | 62              | 33.5        | 4.2            | 102.2           | 48.1               |
| 03/19/02 | 0.14           | 0.00        | 498              | 7.8             | 70.6              | 30.1              | 48.3              | 98              | 33              | 67              | 38.0        | 3.2            | 77.8            | 48.1               |
| 03/20/02 | 0.16           | 0.00        | 482              | 9.1             | 74.6              | 34.8              | 52.4              | 99              | 43              | 68              | 42.2        | 4.3            | 103.4           | 50.0               |
| 03/21/02 | 0.13           | 0.00        | 428              | 9.9             | 65.6              | 38.1              | 50.1              | 98              | 53              | 80              | 44.3        | 5.7            | 137.2           | 51.0               |
| 03/22/02 | 0.05           | 0.28        | 224              | 12.1            | 62.2              | 40.8              | 51.9              | 98              | 69              | 92              | 49.5        | 4.2            | 100.3           | 51.3               |
| 03/23/02 | 0.10           | 0.08        | 355              | 11.9            | 60.4              | 46.3              | 52.7              | 99              | 75              | 88              | 49.2        | 7.6 Y          | 184.4 Y         | 52.5               |
| 03/24/02 | 0.13           | 0.03        | 464              | 9.8             | 58.7              | 37.7              | 49.9              | 98              | 63              | 80              | 44.0        | 5.5            | 133.9           | 52.3               |
| 03/25/02 | 0.11           | 0.00        | 412              | 9.3             | 62.3              | 35.4              | 47.5              | 100             | 62              | 83              | 42.7        | 4.0            | 95.5            | 51.2               |
| 03/26/02 | 0.14           | 0.00        | 484              | 10.3            | 72.0              | 39.1              | 53.4              | 98              | 42              | 74              | 45.2        | 3.1            | 75.4            | 51.8               |
| 03/27/02 | 0.17           | 0.00        | 531              | 10.4            | 74.8              | 39.0              | 55.7              | 100             | 36              | 69              | 45.7        | 3.7            | 88.6            | 53.1               |
| 03/28/02 | 0.14           | 0.01        | 458              | 12.0            | 64.4              | 43.1              | 52.4              | 100             | 72              | 90              | 49.4        | 6.1            | 148.3           | 53.8               |
| 03/29/02 | 0.15           | 0.00        | 505              | 12.8            | 72.2              | 44.8              | 54.8              | 100             | 64              | 87              | 51.1        | 5.3            | 128.9           | 55.1               |
| 03/30/02 | 0.14           | 0.00        | 468              | 12.8            | 75.6              | 45.6              | 54.3              | 100             | 53              | 89              | 51.2        | 3.8            | 91.5            | 55.8               |
| 03/31/02 | 0.17           | 0.01        | 546              | 12.3            | 73.4              | 39.2              | 52.7              | 100             | 65              | 91              | 50.1        | 4.4            | 107.4           | 55.8               |
| Totals   | 3.62           | 1.34        | 407              | 9.5             | 64.9              | 38.0              | 50.2              | 97              | 51              | 76              | 42.7        | 4.9            | 118.2           | 51.3               |

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|----------|----------------|-------------|------------------|-----------------|-------------------|-------------------|-------------------|-----------------|-----------------|-----------------|-------------|----------------|-----------------|--------------------|
| 04/01/02 | 0.15           | 0.01        | 520              | 12.3            | 65.6              | 42.5              | 51.8              | 100             | 72              | 94              | 50.0        | 5.7            | 136.7           | 56.0               |
| 04/02/02 | 0.07           | 0.00        | 308              | 12.3            | 57.7              | 47.5              | 51.5              | 100             | 87              | 95              | 50.1        | 6.3            | 151.5           | 55.8               |
| 04/03/02 | 0.06           | 0.00        | 253              | 11.9            | 59.1              | 49.7              | 52.7              | 95              | 78              | 88              | 49.2        | 5.9            | 142.3           | 55.2               |
| 04/04/02 | 0.02           | 0.00        | 113              | 11.9            | 56.0              | 50.6              | 52.9              | 94              | 77              | 87              | 49.2        | 3.9            | 94.6            | 54.8               |
| 04/05/02 | 0.07           | 0.02        | 274              | 12.1            | 66.1              | 46.2              | 54.1              | 99              | 65              | 85              | 49.5        | 4.2            | 102.5           | 54.9               |
| 04/06/02 | 0.10           | 0.04        | 345              | 12.4            | 65.7              | 47.4              | 54.8              | 100             | 67              | 85              | 50.3        | 5.4            | 130.7           | 55.4               |
| 04/07/02 | 0.14           | 0.00        | 489              | 12.3            | 66.5              | 45.2              | 54.3              | 100             | 67              | 85              | 50.0        | 4.8            | 115.3           | 56.0               |

# Daily Report

## Monterey Bay - San Juan Valley - 143

| Date     | CIMIS ETo (in) | Precip (in) | Sol Rad (Ly/day) | Avg Vap (mBars) | Max Air Temp (°F) | Min Air Temp (°F) | Avg Air Temp (°F) | Max Rel Hum (%) | Min Rel Hum (%) | Avg Rel Hum (%) | Dew Pt (°F) | Avg wSpd (MPH) | Wnd Run (miles) | Avg Soil Temp (°F) |
|----------|----------------|-------------|------------------|-----------------|-------------------|-------------------|-------------------|-----------------|-----------------|-----------------|-------------|----------------|-----------------|--------------------|
| 04/08/02 | 0.10           | 0.04        | 374              | 12.6            | 61.1              | 46.3              | 52.1              | 100             | 80              | 95              | 50.7        | 5.9            | 142.6           | 55.9               |
| 04/09/02 | 0.08           | 0.00        | 291              | 13.7            | 63.4              | 49.1              | 55.7              | 98              | 77              | 90              | 52.9        | 5.1            | 122.0           | 56.2               |
| 04/10/02 | 0.16           | 0.05        | 522              | 14.7 Y          | 72.0              | 48.8              | 59.6              | 100             | 61              | 85 Y            | 54.9 Y      | 3.9            | 94.9            | 58.2               |
| 04/11/02 | 0.16           | 0.05        | 514              | 14.0            | 75.2              | 44.6              | 59.3              | 100             | 57              | 81              | 53.5        | 3.9            | 93.8            | 58.3               |
| 04/12/02 | 0.18           | 0.04        | 554              | 14.6 Y          | 80.2              | 47.6              | 62.0              | 100             | 47              | 77 Y            | 54.7 Y      | 3.9            | 93.3            | 59.5               |
| 04/13/02 | 0.20           | 0.06        | 593              | 14.6 Y          | 86.3              | 44.5              | 65.1              | 100             | 38              | 69 Y            | 54.6 Y      | 3.5            | 83.6            | 59.8               |
| 04/14/02 | 0.20           | 0.07        | 588              | 15.5 Y          | 78.7              | 48.0              | 62.4              | 100             | 62              | 80 Y            | 56.3 Y      | 6.3            | 153.2           | 61.3               |
| 04/15/02 | 0.17           | 0.05        | 522              | 8.1             | 60.6              | 40.8              | 50.9              | 94              | 48              | 64              | 39.2        | 9.0 R          | 217.4 R         | 57.7               |
| 04/16/02 | 0.14           | 0.09 R      | 703 R            | 9.6             | 58.6              | 32.0              | 52.8              | 100             | 57              | 71              | 43.6        | 10.3 R         | 248.4 R         | 55.9               |
| 04/17/02 | 0.11           | 0.10        | 435              | 9.3             | 57.3              | 40.7              | 49.5              | 95              | 62              | 77              | 42.7        | 6.8            | 163.0           | 55.0               |
| 04/18/02 | 0.17           | 0.00        | 569              | 8.5             | 60.4              | 35.1              | 48.8              | 97              | 53              | 73              | 40.4        | 5.5            | 131.8           | 54.2               |
| 04/19/02 | 0.20           | 0.06        | 630              | 9.2             | 68.1              | 37.6              | 53.2              | 98              | 42              | 66              | 42.3        | 5.4            | 130.2           | 55.0               |
| 04/20/02 | 0.17           | 0.06        | 580              | 10.3            | 62.7              | 39.3              | 49.1              | 100             | 63              | 87              | 45.3        | 6.0            | 144.7           | 55.3               |
| 04/21/02 | 0.19           | 0.00        | 618              | 10.5            | 71.7              | 36.8              | 52.4              | 100             | 48              | 78              | 45.8        | 4.6            | 110.1           | 55.4               |
| 04/22/02 | 0.22           | 0.06        | 624              | 10.7            | 83.8              | 40.8              | 61.3              | 100             | 23              | 58              | 46.3        | 3.9            | 94.1            | 56.9               |
| 04/23/02 | 0.21           | 0.00        | 622              | 12.1            | 76.4              | 44.3              | 57.1              | 95              | 53              | 76              | 49.6        | 8.0 Y          | 192.3 Y         | 57.9               |
| 04/24/02 | 0.20           | 0.07        | 615              | 12.0            | 69.4              | 43.4              | 56.4              | 100             | 53              | 78              | 49.5        | 6.0            | 144.0           | 57.8               |
| 04/25/02 | 0.14           | 0.05        | 463              | 12.8            | 64.6              | 48.4              | 55.9              | 98              | 69              | 84              | 51.1        | 7.1            | 172.5           | 58.2               |
| 04/26/02 | 0.05           | 0.08        | 206              | 11.3            | 53.5              | 49.4              | 50.8              | 97              | 82              | 89              | 47.7        | 9.8 R          | 236.7 R         | 56.2               |
| 04/27/02 | 0.17           | 0.00        | 547              | 10.4            | 60.8              | 47.6              | 52.9              | 89              | 62              | 76              | 45.5        | 8.7 Y          | 209.8 Y         | 55.9               |
| 04/28/02 | 0.15           | 0.06        | 472              | 8.6             | 62.6              | 41.5              | 51.2              | 100             | 45              | 67              | 40.6        | 4.8            | 115.0           | 55.7               |
| 04/29/02 | 0.09           | 0.10        | 324              | 10.1            | 61.3              | 43.6              | 50.8              | 97              | 65              | 80              | 44.7        | 4.3            | 104.2           | 55.3               |
| 04/30/02 | 0.09           | 0.08        | 353              | 10.4            | 57.8              | 37.5              | 49.7              | 99              | 67              | 85              | 45.5        | 5.4            | 130.9           | 54.7               |
| Totals   | 4.16           | 1.24        | 467              | 11.6            | 66.1              | 43.9              | 54.4              | 98              | 61              | 80              | 48.2        | 5.8            | 140.1           | 56.5               |

## Monterey Bay - San Juan Valley - 143

| Date     | CIMIS ETo (in) | Precip (in) | Sol Rad (Ly/day) | Avg Vap (mBars) | Max Air Temp (°F) | Min Air Temp (°F) | Avg Air Temp (°F) | Max Rel Hum (%) | Min Rel Hum (%) | Avg Rel Hum (%) | Dew Pt (°F) | Avg wSpd (MPH) | Wnd Run (miles) | Avg Soil Temp (°F) |
|----------|----------------|-------------|------------------|-----------------|-------------------|-------------------|-------------------|-----------------|-----------------|-----------------|-------------|----------------|-----------------|--------------------|
| 05/01/02 | 0.14           | 0.00        | 466              | 10.0            | 61.1              | 43.1              | 52.3              | 98              | 59              | 75              | 44.6        | 5.7            | 138.5           | 55.5               |
| 05/02/02 | 0.19           | 0.00        | 642              | 11.2            | 64.7              | 39.3              | 52.2              | 99              | 65              | 84              | 47.5        | 5.9            | 141.4           | 55.9               |
| 05/03/02 | 0.16           | 0.00        | 547              | 11.6            | 65.2              | 42.4              | 53.8              | 100             | 61              | 82              | 48.6        | 5.1            | 123.4           | 57.5               |
| 05/04/02 | 0.18           | 0.00        | 603              | 11.5            | 69.3              | 40.2              | 53.2              | 100             | 50              | 83              | 48.1        | 5.2            | 125.9           | 57.5               |
| 05/05/02 | 0.18           | 0.00        | 569              | 12.8            | 75.9              | 45.7              | 56.7              | 100             | 49              | 81              | 51.1        | 4.2            | 101.4           | 59.0               |
| 05/06/02 | 0.21           | 0.00        | 670              | 11.1            | 69.0              | 41.4              | 54.5              | 100             | 53              | 77              | 47.3        | 5.7            | 138.8           | 58.9               |
| 05/07/02 | 0.20           | 0.00        | 673              | 9.9             | 63.3              | 39.2              | 51.2              | 99              | 56              | 77              | 44.2        | 6.2            | 149.7           | 57.9               |
| 05/08/02 | 0.22           | 0.00        | 684              | 9.4             | 74.0              | 35.9              | 54.4              | 100             | 34              | 65              | 43.0        | 4.9            | 118.2           | 57.6               |
| 05/09/02 | 0.22           | 0.00        | 679              | 9.5             | 69.1              | 39.4              | 53.1              | 99              | 36              | 69              | 43.2        | 5.9            | 141.5           | 58.1               |
| 05/10/02 | 0.20           | 0.02        | 687              | 9.8             | 59.6              | 39.8              | 49.8              | 98              | 64              | 80              | 44.0        | 8.3 Y          | 200.1 Y         | 57.2               |
| 05/11/02 | 0.23           | 0.00        | 691              | 10.2            | 75.8              | 36.7              | 56.0              | 100             | 37              | 66              | 45.0        | 4.7            | 113.5           | 57.8               |
| 05/12/02 | 0.24           | 0.00        | 643              | 10.4            | 81.1              | 41.0              | 60.2              | 98              | 31              | 58              | 45.5        | 5.2            | 126.4           | 59.3               |
| 05/13/02 | 0.22           | 0.00        | 673              | 11.0            | 73.3              | 41.4              | 57.0              | 99              | 41              | 69              | 47.0        | 4.6            | 110.6           | 59.9               |
| 05/14/02 | 0.22           | 0.00        | 696              | 11.4            | 73.6              | 40.0              | 56.2              | 100             | 47              | 74              | 48.0        | 4.9            | 118.5           | 60.2               |

# Daily Report

## Monterey Bay - San Juan Valley - 143

| Date     | CIMIS ETo (in) | Precip (in) | Sol Rad (Ly/day) | Avg Vap (mBars) | Max Air Temp (°F) | Min Air Temp (°F) | Avg Air Temp (°F) | Max Rel Hum (%) | Min Rel Hum (%) | Avg Rel Hum (%) | Dew Pt (°F) | Avg wSpd (MPH) | Wnd Run (miles) | Avg Soil Temp (°F) |
|----------|----------------|-------------|------------------|-----------------|-------------------|-------------------|-------------------|-----------------|-----------------|-----------------|-------------|----------------|-----------------|--------------------|
| 05/15/02 | 0.20           | 0.00        | 612              | 11.9            | 73.7              | 41.3              | 55.7              | 100             | 50              | 78              | 49.1        | 4.9            | 117.3           | 60.1               |
| 05/16/02 | 0.23           | 0.00        | 689              | 11.6            | 76.7              | 42.5              | 57.8              | 100             | 43              | 71              | 48.5        | 4.6            | 110.3           | 60.7               |
| 05/17/02 | 0.22           | 0.00        | 685              | 12.1            | 74.7              | 41.7              | 57.3              | 100             | 48              | 76              | 49.6        | 4.5            | 108.8           | 61.0               |
| 05/18/02 | 0.22           | 0.00        | 691              | 10.6            | 69.1              | 43.9              | 55.0              | 100             | 42              | 72              | 46.2        | 6.0            | 144.1           | 61.1               |
| 05/19/02 | 0.12           | 0.16        | 415              | 12.6            | 67.8              | 45.5              | 56.0              | 96              | 61              | 82              | 50.7        | 5.8            | 139.4           | 60.3               |
| 05/20/02 | 0.12           | 0.22        | 393              | 11.7            | 62.4              | 47.2              | 54.3              | 99              | 61              | 81              | 48.7        | 7.1            | 172.6           | 59.0               |
| 05/21/02 | 0.18           | 0.18        | 627              | 11.7            | 62.3              | 49.5              | 54.9              | 96              | 63              | 80              | 48.7        | 8.0 Y          | 192.5 Y         | 59.1               |
| 05/22/02 | 0.21           | 0.00        | 692              | 10.5            | 69.1              | 43.4              | 55.3              | 98              | 41              | 71              | 45.9        | 4.9            | 119.3           | 59.4               |
| 05/23/02 | 0.23           | 0.00        | 715              | 10.4            | 74.8              | 39.6              | 58.7              | 94              | 39              | 62              | 45.6        | 4.3            | 102.7           | 59.6               |
| 05/24/02 | 0.26           | 0.00        | 711              | 11.0            | 83.4              | 43.2              | 61.6              | 100             | 31              | 59              | 47.2        | 5.1            | 123.3           | 60.6               |
| 05/25/02 | 0.20           | 0.00        | 684              | 12.2            | 66.4              | 43.3              | 53.4              | 100             | 64              | 88              | 49.9        | 7.8 Y          | 188.6 Y         | 59.9               |
| 05/26/02 | 0.18           | 0.00        | 587              | 13.1            | 71.3              | 45.4              | 55.8              | 100             | 58              | 86              | 51.6        | 5.3            | 126.8           | 60.6               |
| 05/27/02 | 0.21           | 0.00        | 652              | 13.1            | 71.5              | 46.6              | 57.4              | 100             | 49              | 81              | 51.7        | 6.0            | 144.9           | 61.6               |
| 05/28/02 | 0.23           | 0.00        | 683              | 15.9 Y          | 76.2              | 49.7              | 63.2              | 100             | 61              | 81 Y            | 57.1 Y      | 5.3            | 127.0           | 63.5               |
| 05/29/02 | 0.25           | 0.00        | 702              | 18.0 Y          | 90.3              | 53.4              | 70.6              | 100             | 42              | 70 Y            | 60.5 Y      | 3.9            | 95.1            | 65.6               |
| 05/30/02 | 0.26           | 0.00        | 703              | 18.2 Y          | 88.5              | 50.9              | 69.2              | 99              | 50              | 74 Y            | 60.8 Y      | 5.1            | 122.3           | 67.0               |
| 05/31/02 | 0.20           | 0.00        | 619              | 14.2            | 73.7              | 50.0              | 57.8              | 99              | 67              | 87              | 53.9        | 6.9            | 166.9           | 64.4               |
| Totals   | 6.33           | 0.58        | 638              | 11.9            | 71.8              | 43.3              | 56.6              | 99              | 50              | 75              | 48.8        | 5.5            | 133.9           | 59.9               |

## Monterey Bay - San Juan Valley - 143

| Date     | CIMIS ETo (in) | Precip (in) | Sol Rad (Ly/day) | Avg Vap (mBars) | Max Air Temp (°F) | Min Air Temp (°F) | Avg Air Temp (°F) | Max Rel Hum (%) | Min Rel Hum (%) | Avg Rel Hum (%) | Dew Pt (°F) | Avg wSpd (MPH) | Wnd Run (miles) | Avg Soil Temp (°F) |
|----------|----------------|-------------|------------------|-----------------|-------------------|-------------------|-------------------|-----------------|-----------------|-----------------|-------------|----------------|-----------------|--------------------|
| 06/01/02 | 0.19           | 0.00        | 624              | 12.9            | 65.2              | 47.0              | 55.8              | 97              | 69              | 85              | 51.2        | 8.0 Y          | 193.8 Y         | 63.7               |
| 06/02/02 | 0.20           | 0.00        | 682              | 12.1            | 65.1              | 45.8              | 54.7              | 99              | 66              | 83              | 49.5        | 6.1            | 148.2           | 62.3               |
| 06/03/02 | 0.21           | 0.00        | 647              | 13.3            | 75.2              | 45.6              | 58.6              | 99              | 57              | 79              | 52.2        | 4.7            | 114.4           | 62.7               |
| 06/04/02 | 0.26           | 0.00        | 716              | 14.2            | 87.5              | 46.0              | 66.1              | 100             | 36              | 65              | 54.0        | 4.5            | 107.6           | 64.3               |
| 06/05/02 | 0.28           | 0.00        | 717              | 16.7 Y          | 95.6              | 54.2              | 73.7              | 95              | 33              | 59 Y            | 58.3 Y      | 4.1            | 99.1            | 67.2               |
| 06/06/02 | 0.27           | 0.00        | 726              | 15.1            | 88.8              | 48.0              | 67.4              | 97              | 38              | 66              | 55.7        | 5.1            | 123.7           | 67.2               |
| 06/07/02 | 0.24           | 0.00        | 726              | 12.1            | 77.6              | 45.4              | 59.7              | 100             | 33              | 69              | 49.7        | 5.0            | 121.6           | 65.0               |
| 06/08/02 | 0.26           | 0.00        | 726              | 10.5            | 79.8              | 45.4              | 61.9              | 99              | 32              | 56              | 45.9        | 5.3            | 127.3           | 64.8               |
| 06/09/02 | 0.28           | 0.00        | 749              | 8.7             | 80.4              | 42.5              | 63.3              | 91              | 21              | 44              | 40.9        | 6.0            | 144.8           | 64.5               |
| 06/10/02 | 0.27           | 0.00        | 714              | 10.8            | 90.4              | 46.4              | 67.6              | 87              | 21              | 47              | 46.6        | 4.0            | 96.8            | 65.5               |
| 06/11/02 | 0.25           | 0.00        | 725              | 13.7            | 73.4              | 48.5              | 61.1              | 97              | 53              | 74              | 52.9        | 8.3 Y          | 199.7 Y         | 66.2               |
| 06/12/02 | 0.22           | 0.00        | 682              | 13.9            | 69.8              | 50.1              | 58.7              | 98              | 63              | 82              | 53.3        | 7.7 Y          | 185.0 Y         | 65.8               |
| 06/13/02 | 0.19           | 0.00        | 645              | 13.0            | 65.5              | 46.5              | 55.1              | 100             | 70              | 88              | 51.5        | 7.3            | 176.4           | 64.1               |
| 06/14/02 | 0.23           | 0.00        | 716              | 13.4            | 74.5              | 52.0              | 61.4              | 95              | 51              | 72              | 52.3        | 4.6            | 111.8           | 66.0               |
| 06/15/02 | 0.25           | 0.00        | 746              | 12.2            | 79.1              | 46.6              | 61.6              | 97              | 33              | 65              | 49.7        | 4.8            | 115.0           | 65.8               |
| 06/16/02 | 0.25           | 0.00        | 738              | 12.7            | 81.6              | 44.7              | 63.2              | 97              | 39              | 64              | 50.9        | 4.3            | 103.4           | 65.6               |
| 06/17/02 | 0.26           | 0.00        | 727              | 13.1            | 81.6              | 47.6              | 64.8              | 99              | 37              | 63              | 51.7        | 4.3            | 103.0           | 66.5               |
| 06/18/02 | 0.25           | 0.00        | 704              | 15.9            | 81.2              | 52.1              | 66.3              | 95              | 53              | 72              | 57.1        | 4.9            | 117.3           | 68.5               |
| 06/19/02 | 0.26           | 0.00        | 715              | 14.5            | 85.0              | 49.3              | 64.0              | 100             | 39              | 71              | 54.5        | 5.1            | 122.5           | 67.8               |
| 06/20/02 | 0.21           | 0.00        | 718              | 12.9            | 66.9              | 45.9              | 55.9              | 100             | 67              | 84              | 51.2        | 7.2            | 173.4           | 66.1               |

# Daily Report

## Monterey Bay - San Juan Valley - 143

| Date     | CIMIS ETo (in) | Precip (in) | Sol Rad (Ly/day) | Avg Vap (mBars) | Max Air Temp (°F) | Min Air Temp (°F) | Avg Air Temp (°F) | Max Rel Hum (%) | Min Rel Hum (%) | Avg Rel Hum (%) | Dew Pt (°F) | Avg wSpd (MPH) | Wnd Run (miles) | Avg Soil Temp (°F) |
|----------|----------------|-------------|------------------|-----------------|-------------------|-------------------|-------------------|-----------------|-----------------|-----------------|-------------|----------------|-----------------|--------------------|
| 06/21/02 | 0.21           | 0.00        | 717              | 12.9            | 62.8              | 51.9              | 56.3              | 93              | 70              | 83              | 51.2        | 10.7 R         | 258.6 R         | 66.6               |
| 06/22/02 | 0.17           | 0.00        | 575              | 14.1            | 70.0              | 50.0              | 58.6              | 98              | 61              | 84              | 53.7        | 6.0            | 145.5           | 66.2               |
| 06/23/02 | 0.22           | 0.00        | 660              | 14.2            | 79.4              | 48.8              | 61.5              | 100             | 46              | 76              | 53.9        | 4.4            | 105.5           | 65.9               |
| 06/24/02 | 0.24           | 0.00        | 709              | 13.7            | 77.7              | 47.9              | 58.9              | 100             | 45              | 81              | 53.0        | 5.4            | 130.4           | 65.5               |
| 06/25/02 | 0.24           | 0.00        | 699              | 13.9            | 79.4              | 49.0              | 58.9              | 100             | 46              | 82              | 53.4        | 6.4            | 154.8           | 66.2               |
| 06/26/02 | 0.20           | 0.06        | 653              | 14.4            | 71.0              | 50.8              | 58.1              | 100             | 67              | 87              | 54.3        | 6.9            | 166.3           | 65.7               |
| 06/27/02 | 0.22           | 0.00        | 664              | 15.4            | 77.7              | 50.8              | 62.6              | 99              | 55              | 80              | 56.2        | 5.2            | 124.4           | 66.7               |
| 06/28/02 | 0.21           | 0.00        | 639              | 14.9            | 77.4              | 52.3              | 62.1              | 100             | 49              | 78              | 55.3        | 5.1            | 124.1           | 67.5               |
| 06/29/02 | 0.26           | 0.00        | 711              | 16.2            | 85.4              | 50.7              | 67.4              | 100             | 42              | 71              | 57.6        | 4.5            | 108.9           | 68.3               |
| 06/30/02 | 0.27           | 0.00        | 717              | 17.8 Y          | 91.7              | 52.4              | 72.3              | 100             | 42              | 66 Y            | 60.2 Y      | 4.1            | 97.8            | 70.3               |
| Totals   | 7.07           | 0.06        | 696              | 13.6            | 77.9              | 48.5              | 61.9              | 98              | 48              | 73              | 52.6        | 5.7            | 136.7           | 65.9               |

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|----------|----------------|-------------|------------------|-----------------|-------------------|-------------------|-------------------|-----------------|-----------------|-----------------|-------------|----------------|-----------------|--------------------|
| 07/01/02 | 0.27           | 0.00        | 692              | 16.2            | 80.0              | 53.5              | 66.3              | 98              | 49              | 74              | 57.6        | 7.2 Y          | 174.4 Y         | 70.2               |
| 07/02/02 | 0.24           | 0.00        | 692              | 14.9            | 82.8              | 52.0              | 61.4              | 100             | 33              | 80              | 55.3        | 6.5            | 158.0           | 68.6               |
| 07/03/02 | 0.23           | 0.00        | 680              | 14.6            | 77.9              | 50.5              | 62.2              | 99              | 44              | 76              | 54.6        | 5.7            | 136.6           | 68.6               |
| 07/04/02 | 0.24           | 0.00        | 706              | 13.3            | 78.0              | 46.7              | 60.8              | 100             | 40              | 73              | 52.1        | 5.6            | 135.4           | 67.4               |
| 07/05/02 | 0.24           | 0.00        | 712              | 13.5            | 78.1              | 45.7              | 60.2              | 100             | 46              | 76              | 52.6        | 5.6            | 134.5           | 67.0               |
| 07/06/02 | 0.25           | 0.00        | 681              | 14.2            | 82.2              | 47.9              | 63.5              | 100             | 37              | 71              | 54.0        | 4.8            | 116.2           | 68.6               |
| 07/07/02 | 0.26           | 0.00        | 713              | 15.8            | 82.6              | 50.5              | 67.5              | 98              | 47              | 68              | 56.8        | 4.6            | 111.0           | 69.6               |
| 07/08/02 | 0.27           | 0.00        | 733              | 14.4            | 92.9              | 52.3              | 71.4              | 94              | 25              | 55              | 54.3        | 3.9            | 94.8            | 70.6               |
| 07/09/02 | 0.31           | 0.00        | 730              | 14.3            | 99.7              | 53.4              | 76.4              | 86              | 17              | 46              | 54.1        | 4.7            | 114.3           | 71.3               |
| 07/10/02 | 0.30           | 0.00        | 716              | 15.4            | 89.5              | 54.5              | 70.9              | 94              | 35              | 59              | 56.1        | 6.9            | 165.5           | 71.1               |
| 07/11/02 | 0.25           | 0.00        | 632              | 15.4            | 82.1              | 50.3              | 65.2              | 100             | 48              | 72              | 56.1        | 6.5            | 156.4           | 69.5               |
| 07/12/02 | 0.26           | 0.00        | 669              | 16.6            | 84.0              | 54.5              | 66.6              | 99              | 50              | 75              | 58.2        | 6.1            | 146.8           | 69.7               |
| 07/13/02 | 0.25           | 0.00        | 671              | 15.9            | 85.2              | 53.2              | 64.2              | 100             | 40              | 77              | 57.0        | 6.5            | 157.9           | 69.0               |
| 07/14/02 | 0.24           | 0.00        | 672              | 15.2            | 84.0              | 52.8              | 63.7              | 100             | 39              | 75              | 55.8        | 5.3            | 128.8           | 68.8               |
| 07/15/02 | 0.22           | 0.00        | 679              | 13.7            | 75.2              | 48.6              | 59.6              | 100             | 49              | 79              | 53.0        | 5.0            | 120.0           | 68.1               |
| 07/16/02 | 0.21           | 0.00        | 649              | 13.6            | 75.4              | 48.5              | 58.8              | 99              | 46              | 80              | 52.7        | 5.9            | 142.4           | 67.3               |
| 07/17/02 | 0.22           | 0.00        | 727              | 14.7            | 73.9              | S                 | 61.8              | 99              | 62              | 78              | 54.9        | 8.6 R          | 206.7 R         | 68.6               |
| 07/18/02 | 0.21           | 0.00        | 646              | 15.0            | 72.4              | 51.5              | 60.4              | 99              | 61              | 84              | 55.4        | 6.2            | 148.8           | 67.2               |
| 07/19/02 | 0.22           | 0.00        | 654              | 15.1            | 78.4              | 49.6              | 60.9              | 100             | 53              | 83              | 55.6        | 5.6            | 135.6           | 66.8               |
| 07/20/02 | 0.20           | 0.00        | 649              | 14.9            | 71.1              | 51.9              | 58.7              | 100             | 68              | 88              | 55.3        | 6.9            | 166.8           | 67.0               |
| 07/21/02 | 0.19           | 0.00        | 588              | 14.9            | 69.1              | 52.0              | 59.9              | 99              | 67              | 85              | 55.3        | 8.3 R          | 200.8 R         | 66.8               |
| 07/22/02 | 0.24           | 0.00        | 698              | 14.3            | 72.6              | 49.9              | 60.7              | 99              | 60              | 79              | 54.0        | 7.3 Y          | 175.3 Y         | 66.7               |
| 07/23/02 | 0.25           | 0.00        | 708              | 13.6            | 76.3              | 46.9              | 61.8              | 100             | 50              | 72              | 52.8        | 6.5            | 156.5           | 66.5               |
| 07/24/02 | 0.25           | 0.00        | 710              | 14.3            | 83.3              | 47.7              | 64.5              | 99              | 37              | 69              | 54.1        | 5.2            | 125.3           | 66.5               |
| 07/25/02 | 0.25           | 0.00        | 713              | 14.2            | 80.6              | 50.2              | 64.0              | 99              | 39              | 70              | 54.0        | 5.3            | 127.3           | 67.1               |
| 07/26/02 | 0.23           | 0.00        | 687              | 14.8            | 78.7              | 48.5              | 61.6              | 100             | 44              | 79              | 55.0        | 5.5            | 132.2           | 66.8               |
| 07/27/02 | 0.18           | 0.00        | 574              | 15.6            | 71.5              | 53.9              | 60.3              | 100             | 70              | 88              | 56.6        | 6.9            | 166.3           | 67.0               |

# Daily Report

## Monterey Bay - San Juan Valley - 143

| Date     | CIMIS ETo (in) | Precip (in) | Sol Rad (Ly/day) | Avg Vap (mBars) | Max Air Temp (°F) | Min Air Temp (°F) | Avg Air Temp (°F) | Max Rel Hum (%) | Min Rel Hum (%) | Avg Rel Hum (%) | Dew Pt (°F) | Avg wSpd (MPH) | Wnd Run (miles) | Avg Soil Temp (°F) |
|----------|----------------|-------------|------------------|-----------------|-------------------|-------------------|-------------------|-----------------|-----------------|-----------------|-------------|----------------|-----------------|--------------------|
| 07/28/02 | 0.19           | 0.00        | 563              | 16.0            | 72.4              | 54.0              | 61.9              | 97              | 67              | 85              | 57.2        | 8.1 Y          | 194.6 Y         | 67.2               |
| 07/29/02 | 0.21           | 0.00        | 608              | 15.8            | 76.4              | 53.2              | 62.7              | 99              | 55              | 81              | 56.9        | 5.8            | 139.8           | 67.2               |
| 07/30/02 | 0.23           | 0.01        | 634              | 15.6            | 84.4              | 51.6              | 62.4              | 100             | 44              | 81              | 56.5        | 6.0            | 145.4           | 67.0               |
| 07/31/02 | 0.23           | 0.00        | 651              | 15.5            | 76.7              | 51.1              | 62.3              | 100             | 52              | 81              | 56.3        | 6.7            | 162.2           | 67.0               |
| Totals   | 7.34           | 0.01        | 672              | 14.9            | 79.6              | 50.9              | 63.3              | 99              | 48              | 75              | 55.2        | 6.1            | 147.6           | 68.1               |

## Monterey Bay - San Juan Valley - 143

| Date     | CIMIS ETo (in) | Precip (in) | Sol Rad (Ly/day) | Avg Vap (mBars) | Max Air Temp (°F) | Min Air Temp (°F) | Avg Air Temp (°F) | Max Rel Hum (%) | Min Rel Hum (%) | Avg Rel Hum (%) | Dew Pt (°F) | Avg wSpd (MPH) | Wnd Run (miles) | Avg Soil Temp (°F) |
|----------|----------------|-------------|------------------|-----------------|-------------------|-------------------|-------------------|-----------------|-----------------|-----------------|-------------|----------------|-----------------|--------------------|
| 08/01/02 | 0.22           | 0.00        | 657              | 17.8            | 78.4              | 54.1              | 63.7              | 99              | 67              | 88              | 60.2        | 7.8 Y          | 187.1 Y         | 67.5               |
| 08/02/02 | 0.17           | 0.00        | 532              | 17.5            | 70.8              | 58.2              | 62.3              | 99              | 77              | 91              | 59.7        | 7.7 Y          | 186.4 Y         | 67.9               |
| 08/03/02 | 0.05           | 0.00        | 204              | 16.0            | 62.3 Y            | 56.6              | 59.7              | 98              | 87              | 91              | 57.2        | 7.7 Y          | 185.8 Y         | 66.6               |
| 08/04/02 | 0.22           | 0.00        | 646              | 14.2            | 74.4              | 50.2              | 61.5              | 98              | 54              | 76              | 54.0        | 6.5            | 157.2           | 66.2               |
| 08/05/02 | 0.24           | 0.00        | 652              | 13.3            | 79.4              | 46.9              | 62.6              | 100             | 29              | 69              | 52.2        | 5.0            | 119.5           | 66.1               |
| 08/06/02 | 0.24           | 0.00        | 683              | 12.2            | 76.4              | 45.8              | 61.0              | 97              | 37              | 67              | 49.8        | 5.4            | 130.2           | 66.0               |
| 08/07/02 | 0.24           | 0.00        | 671              | 12.6            | 88.0              | 44.6              | 65.1              | 97              | 26              | 60              | 50.7        | 4.0            | 95.9            | 65.8               |
| 08/08/02 | 0.27           | 0.00 H      | 667              | 11.4            | 95.9              | 49.3              | 71.5              | 88              | 22              | 43              | 47.9        | 4.4            | 105.4           | 67.2               |
| 08/09/02 | 0.28           | 0.00        | 640              | 11.4            | 98.1              | 52.8              | 73.9              | 82              | 17              | 40              | 48.0        | 4.7            | 114.6           | 68.1               |
| 08/10/02 | 0.28           | 0.00        | 652              | 12.4            | 93.8              | 52.4              | 69.8              | 98              | 22              | 50              | 50.3        | 5.3            | 129.0           | 68.3               |
| 08/11/02 | 0.26           | 0.00        | 676              | 13.6            | 87.7              | 46.9              | 63.3              | 100             | 29              | 69              | 52.8        | 5.5            | 132.7           | 67.2               |
| 08/12/02 | 0.24           | 0.00        | 641              | 14.6            | 85.4              | 47.7              | 62.9              | 100             | 34              | 75              | 54.8        | 5.4            | 129.3           | 66.9               |
| 08/13/02 | 0.22           | 0.00        | 614              | 15.6            | 83.8              | 50.5              | 62.0              | 100             | 50              | 82              | 56.5        | 5.9            | 141.4           | 67.0               |
| 08/14/02 | 0.21           | 0.00        | 598              | 15.9            | 81.9              | 51.0              | 62.4              | 100             | 48              | 83              | 57.1        | 5.7            | 136.5           | 67.1               |
| 08/15/02 | 0.20           | 0.00        | 563              | 16.5            | 81.4              | 51.9              | 62.2              | 100             | 54              | 86              | 58.0        | 5.6            | 135.3           | 67.1               |
| 08/16/02 | 0.16           | 0.00        | 482              | 16.1            | 71.5              | 53.5              | 60.7              | 100             | 71              | 89              | 57.3        | 5.6            | 136.0           | 66.9               |
| 08/17/02 | 0.18           | 0.00        | 542              | 15.8            | 76.9              | 50.8              | 61.5              | 100             | 56              | 85              | 56.9        | 5.2            | 124.8           | 66.8               |
| 08/18/02 | 0.17           | 0.00        | 528              | 14.5            | 69.4              | 48.5              | 57.9              | 100             | 68              | 88              | 54.5        | 6.0            | 145.6           | 65.8               |
| 08/19/02 | 0.18           | 0.00        | 573              | 14.3            | 66.3 Y            | 52.3              | 58.7              | 98              | 70              | 85              | 54.1        | 7.2 Y          | 174.3 Y         | 66.0               |
| 08/20/02 | 0.21           | 0.00        | 596              | 14.1            | 79.9              | 51.6              | 63.1              | 95              | 45              | 71              | 53.7        | 5.6            | 135.1           | 66.4               |
| 08/21/02 | 0.19           | 0.00        | 597              | 13.9            | 73.1              | 47.8              | 58.4              | 98              | 61              | 83              | 53.4        | 5.7            | 136.9           | 65.7               |
| 08/22/02 | 0.18           | 0.00        | 590              | 14.0            | 67.7 Y            | 52.1              | 58.2              | 95              | 68              | 84              | 53.5        | 6.7            | 161.7           | 65.5               |
| 08/23/02 | 0.14           | 0.00        | 448              | 14.3            | 71.4              | 49.9              | 58.8              | 99              | 60              | 84              | 54.1        | 5.5            | 133.6           | 65.2               |
| 08/24/02 | 0.18           | 0.00        | 552              | 14.6            | 77.3              | 49.7              | 60.4              | 99              | 52              | 81              | 54.6        | 4.5            | 107.9           | 65.3               |
| 08/25/02 | 0.19           | 0.00        | 572              | 14.1            | 78.8              | 48.1              | 59.5              | 100             | 45              | 82              | 53.8        | 4.8            | 115.7           | 65.1               |
| 08/26/02 | 0.21           | 0.00        | 589              | 14.7            | 86.8              | 47.8              | 63.5              | 100             | 41              | 73              | 54.8        | 3.9            | 93.5            | 65.4               |
| 08/27/02 | 0.24           | 0.00        | 587              | 14.4            | 90.3              | 50.9              | 67.9              | 95              | 31              | 62              | 54.2        | 4.6            | 110.2           | 65.8               |
| 08/28/02 | 0.19           | 0.00        | 572              | 15.5            | 72.1              | 52.4              | 60.2              | 98              | 68              | 87              | 56.3        | 8.6 R          | 206.8 R         | 65.4               |
| 08/29/02 | 0.15           | 0.00        | 496              | 16.1            | 68.3 Y            | 54.7              | 60.6              | 99              | 75              | 89              | 57.5        | 7.2 Y          | 174.4 Y         | 65.8               |
| 08/30/02 | 0.17           | 0.00        | 496              | 15.8            | 75.7              | 52.5              | 61.3              | 99              | 58              | 85              | 56.8        | 6.4            | 154.7           | 65.6               |
| 08/31/02 | 0.20           | 0.00        | 565              | 15.7            | 85.9              | 50.5              | 62.8              | 100             | 48              | 80              | 56.6        | 4.6            | 111.9           | 65.6               |
| Totals   | 6.28           | 0.00        | 577              | 14.6            | 79.0              | 50.7              | 62.5              | 98              | 51              | 77              | 54.6        | 5.8            | 139.0           | 66.4               |

# Daily Report

## Monterey Bay - San Juan Valley - 143

| Date     | CIMIS ETo (in) | Precip (in) | Sol Rad (Ly/day) | Avg Vap (mBars) | Max Air Temp (°F) | Min Air Temp (°F) | Avg Air Temp (°F) | Max Rel Hum (%) | Min Rel Hum (%) | Avg Rel Hum (%) | Dew Pt (°F) | Avg wSpd (MPH) | Wnd Run (miles) | Avg Soil Temp (°F) |
|----------|----------------|-------------|------------------|-----------------|-------------------|-------------------|-------------------|-----------------|-----------------|-----------------|-------------|----------------|-----------------|--------------------|
| 09/01/02 | 0.24           | 0.00        | 580              | 15.3            | 98.6              | 51.4              | 70.8              | 100             | 23              | 59              | 55.9        | 3.8            | 92.6            | 66.3               |
| 09/02/02 | 0.26           | 0.00        | 571              | 13.9            | 95.1              | 55.9              | 73.3              | 86              | 21              | 49              | 53.3        | 5.2            | 126.4           | 67.7               |
| 09/03/02 | 0.21           | 0.00        | 571              | 15.4            | 80.4              | 53.4              | 63.8              | 99              | 46              | 76              | 56.1        | 6.2            | 148.5           | 67.0               |
| 09/04/02 | 0.19           | 0.00        | 485              | 13.1            | 82.9              | 53.3              | 64.7              | 100             | 19              | 63              | 51.8        | 4.8            | 114.9           | 66.4               |
| 09/05/02 | 0.15           | 0.00        | 422              | 11.1            | 77.0              | 54.3              | 64.7              | 77              | 34              | 53              | 47.4        | 4.4            | 106.8           | 65.8               |
| 09/06/02 | 0.20           | 0.00        | 575              | 12.4            | 73.3              | 49.9              | 60.6              | 94              | 44              | 69              | 50.2        | 5.9            | 143.1           | 65.2               |
| 09/07/02 | 0.19           | 0.00        | 572              | 12.4            | 71.9              | 46.6              | 58.2              | 100             | 46              | 75              | 50.3        | 5.2            | 124.5           | 64.4               |
| 09/08/02 | 0.20           | 0.00        | 575              | 11.3            | 80.0              | 43.3              | 60.7              | 99              | 30              | 62              | 47.7        | 4.0            | 96.6            | 63.8               |
| 09/09/02 | 0.22           | 0.00        | 566              | 10.5            | 92.1              | 45.9              | 68.0              | 87              | 20              | 45              | 45.8        | 3.8            | 92.6            | 64.9               |
| 09/10/02 | 0.23           | 0.00        | 552              | 11.4            | 93.3              | 51.6              | 69.5              | 87              | 18              | 46              | 48.0        | 4.5            | 109.0           | 66.1               |
| 09/11/02 | 0.21           | 0.00        | 539              | 13.2            | 86.5              | 51.0              | 63.3              | 100             | 29              | 66              | 52.0        | 5.1            | 122.5           | 66.3               |
| 09/12/02 | 0.18           | 0.00        | 763 R            | 15.0            | 78.9              | 32.0 R            | 64.1              | 100             | 47              | 73              | 55.5        | 7.5 Y          | 180.7 Y         | 66.3               |
| 09/13/02 | 0.16           | 0.00        | 500              | 14.5            | 80.1              | 48.6              | 59.3              | 100             | 48              | 84              | 54.5        | 4.3            | 104.1           | 65.3               |
| 09/14/02 | 0.19           | 0.00        | 537              | 15.3            | 84.6              | 52.4              | 63.8              | 100             | 45              | 76              | 56.0        | 4.4            | 107.1           | 65.6               |
| 09/15/02 | 0.17           | 0.00        | 536              | 15.3            | 75.8              | 50.4              | 62.2              | 99              | 52              | 80              | 56.1        | 5.6            | 135.2           | 65.5               |
| 09/16/02 | 0.17           | 0.00        | 540              | 15.4            | 76.7              | 51.8              | 62.6              | 100             | 52              | 80              | 56.2        | 4.4            | 106.1           | 65.8               |
| 09/17/02 | 0.17           | 0.00        | 518              | 14.9            | 81.2              | 48.9              | 63.1              | 100             | 45              | 75              | 55.2        | 4.1            | 98.9            | 65.9               |
| 09/18/02 | 0.18           | 0.00        | 538              | 15.4            | 88.6              | 50.3              | 67.6              | 100             | 34              | 67              | 56.1        | 3.2            | 78.4            | 66.3               |
| 09/19/02 | 0.21           | 0.00        | 528              | 14.4            | 88.7              | 53.8              | 68.4              | 91              | 34              | 61              | 54.4        | 5.4            | 131.0           | 67.0               |
| 09/20/02 | 0.20           | 0.00        | 526              | 14.2            | 86.8              | 51.3              | 64.8              | 99              | 36              | 68              | 54.0        | 4.9            | 118.5           | 66.0               |
| 09/21/02 | 0.20           | 0.00        | 515              | 13.8            | 85.3              | 47.8              | 62.3              | 100             | 36              | 72              | 53.2        | 5.1            | 122.4           | 65.5               |
| 09/22/02 | 0.18           | 0.00        | 517              | 14.8            | 88.1              | 47.0              | 63.5              | 100             | 39              | 74              | 55.1        | 3.7            | 88.9            | 65.4               |
| 09/23/02 | 0.20           | 0.00        | 516              | 14.2            | 98.6              | 51.7              | 71.5              | 98              | 24              | 54              | 54.0        | 3.2            | 78.3            | 65.6               |
| 09/24/02 | 0.19           | 0.00        | 474              | 12.6            | 93.7              | 53.3              | 69.5              | 84              | 23              | 51              | 50.6        | 4.0            | 96.4            | 65.9               |
| 09/25/02 | 0.15           | 0.00        | 451              | 14.4            | 77.7              | 50.4              | 60.0              | 100             | 48              | 82              | 54.4        | 5.3            | 128.4           | 65.4               |
| 09/26/02 | 0.13           | 0.00        | 437              | 14.3            | 66.1              | 50.1              | 57.7              | 100             | 73              | 88              | 54.2        | 6.6 Y          | 158.2 Y         | 64.6               |
| 09/27/02 | 0.09           | 0.00        | 293              | 15.1            | 67.1              | 57.1              | 60.2              | 93              | 73              | 85              | 55.7        | 6.7 Y          | 161.4 Y         | 64.3               |
| 09/28/02 | 0.10           | 0.00        | 322              | 13.8            | 67.6              | 51.7              | 59.3              | 94              | 61              | 80              | 53.1        | 5.2            | 125.8           | 64.0               |
| 09/29/02 | 0.15           | 0.00        | 480              | 12.9            | 72.4              | 46.1              | 58.4              | 100             | 54              | 78              | 51.4        | 5.0            | 119.9           | 63.0               |
| 09/30/02 | 0.14           | 0.00        | 450              | 12.3            | 69.8              | 46.9              | 56.1              | 99              | 54              | 80              | 50.0        | 5.1            | 123.3           | 62.2               |
| Totals   | 5.46           | 0.00        | 515              | 13.8            | 82.0              | 49.9              | 63.7              | 96              | 40              | 69              | 52.9        | 4.9            | 118.0           | 65.5               |

## Monterey Bay - San Juan Valley - 143

| Date     | CIMIS ETo (in) | Precip (in) | Sol Rad (Ly/day) | Avg Vap (mBars) | Max Air Temp (°F) | Min Air Temp (°F) | Avg Air Temp (°F) | Max Rel Hum (%) | Min Rel Hum (%) | Avg Rel Hum (%) | Dew Pt (°F) | Avg wSpd (MPH) | Wnd Run (miles) | Avg Soil Temp (°F) |
|----------|----------------|-------------|------------------|-----------------|-------------------|-------------------|-------------------|-----------------|-----------------|-----------------|-------------|----------------|-----------------|--------------------|
| 10/01/02 | 0.16           | 0.00        | 474              | 10.7            | 70.3              | 43.6              | 56.1              | 98              | 42              | 70              | 46.4        | 5.1            | 124.2           | 61.1               |
| 10/02/02 | 0.17           | 0.00        | 484 R            | 7.5             | 77.6              | 39.7              | 58.4              | 91              | 20              | 45              | 37.2        | 4.2            | 102.2           | 60.2               |
| 10/03/02 | 0.17           | 0.00        | 475              | 7.4             | 77.5              | 39.3              | 56.9              | 84              | 22              | 47              | 36.7        | 4.4            | 106.5           | 59.2               |
| 10/04/02 | 0.16           | 0.00        | 458              | 10.1            | 82.7              | 43.2              | 59.6              | 95              | 23              | 58              | 44.8        | 3.6            | 85.9            | 59.7               |
| 10/05/02 | 0.17           | 0.00        | 452              | 12.3            | 88.3              | 46.0              | 65.2              | 98              | 28              | 58              | 50.0        | 3.5            | 84.9            | 61.0               |

# Daily Report

## Monterey Bay - San Juan Valley - 143

| Date     | CIMIS ETo (in) | Precip (in) | Sol Rad (Ly/day) | Avg Vap (mBars) | Max Air Temp (°F) | Min Air Temp (°F) | Avg Air Temp (°F) | Max Rel Hum (%) | Min Rel Hum (%) | Avg Rel Hum (%) | Dew Pt (°F) | Avg wSpd (MPH) | Wnd Run (miles) | Avg Soil Temp (°F) |
|----------|----------------|-------------|------------------|-----------------|-------------------|-------------------|-------------------|-----------------|-----------------|-----------------|-------------|----------------|-----------------|--------------------|
| 10/06/02 | 0.17           | 0.00        | 451              | 11.4            | 92.2              | 49.1              | 67.7              | 87              | 19              | 49              | 47.9        | 3.4            | 81.6            | 62.4               |
| 10/07/02 | 0.17           | 0.00        | 449              | 11.8            | 92.8              | 50.2              | 68.2              | 83              | 24              | 50              | 49.0        | 3.7            | 88.6            | 62.8               |
| 10/08/02 | 0.18           | 0.03        | 450              | 12.5            | 92.5              | 50.2              | 65.7              | 90              | 28              | 58              | 50.4        | 4.5            | 109.4           | 62.7               |
| 10/09/02 | 0.11           | 0.00        | 357              | 14.0            | 68.9              | 46.7              | 56.2              | 99              | 73              | 91              | 53.5        | 5.5            | 133.5           | 61.7               |
| 10/10/02 | 0.10           | 0.00        | 315              | 14.6            | 68.0              | 54.8              | 58.7              | 98              | 70              | 86              | 54.6        | 7.4 R          | 179.4 R         | 61.8               |
| 10/11/02 | 0.13           | 0.00        | 398              | 13.6            | 76.4              | 47.4              | 59.9              | 97              | 45              | 77              | 52.7        | 4.1            | 98.0            | 63.0               |
| 10/12/02 | 0.14           | 0.00        | 432              | 11.8            | 80.5              | 42.2              | 56.2              | 100             | 35              | 76              | 48.8        | 3.7            | 90.5            | 61.9               |
| 10/13/02 | 0.14           | 0.00        | 400              | 11.7            | 84.1              | 43.5              | 58.4              | 100             | 30              | 70              | 48.6        | 3.1            | 74.9            | 61.1               |
| 10/14/02 | 0.13           | 0.00        | 392              | 12.2            | 78.4              | 45.7              | 56.4              | 98              | 47              | 79              | 49.9        | 4.3            | 104.5           | 61.4               |
| 10/15/02 | 0.11           | 0.00        | 370              | 12.2            | 63.2              | 46.3              | 54.1              | 99              | 65              | 86              | 49.9        | 6.3            | 151.5           | 60.7               |
| 10/16/02 | 0.09           | 0.00        | 303              | 12.0            | 62.3              | 50.6              | 55.6              | 88              | 68              | 79              | 49.3        | 6.8 Y          | 164.2 Y         | 60.3               |
| 10/17/02 | 0.11           | 0.00        | 366              | 12.3            | 66.1              | 46.9              | 56.0              | 98              | 63              | 80              | 50.1        | 5.0            | 121.4           | 60.2               |
| 10/18/02 | 0.10           | 0.00        | 332              | 12.4            | 65.9              | 46.8              | 55.6              | 97              | 64              | 82              | 50.2        | 4.5            | 109.0           | 60.2               |
| 10/19/02 | 0.10           | 0.00        | 337              | 13.0            | 70.8              | 45.5              | 55.3              | 99              | 59              | 87              | 51.5        | 3.6            | 86.9            | 59.7               |
| 10/20/02 | 0.11           | 0.00        | 357              | 14.1            | 73.6              | 47.0              | 57.7              | 100             | 60              | 87              | 53.7        | 4.0            | 96.0            | 60.2               |
| 10/21/02 | 0.09           | 0.01        | 343              | 12.6            | 61.8              | 44.0              | 52.3              | 100             | 80              | 95              | 50.8        | 5.1            | 122.9           | 59.4               |
| 10/22/02 | 0.06           | 0.00        | 245              | 13.1            | 58.7              | 51.7              | 54.2              | 98              | 83              | 91              | 51.8        | 6.7 Y          | 162.6 Y         | 60.1               |
| 10/23/02 | 0.05           | 0.00        | 203              | 11.8            | 60.0              | 50.9              | 53.6              | 98              | 69              | 84              | 48.9        | 4.8            | 115.2           | 59.5               |
| 10/24/02 | 0.08           | 0.00        | 266              | 10.6            | 62.7              | 46.3              | 53.9              | 93              | 56              | 74              | 46.0        | 4.0            | 96.1            | 59.3               |
| 10/25/02 | 0.10           | 0.00        | 348              | 11.3            | 68.5              | 44.1              | 53.6              | 98              | 53              | 80              | 47.7        | 4.1            | 99.8            | 58.7               |
| 10/26/02 | 0.08           | 0.00        | 285              | 11.6            | 64.1              | 41.8              | 51.2              | 100             | 69              | 90              | 48.4        | 4.2            | 101.7           | 57.8               |
| 10/27/02 | 0.10           | 0.00        | 353              | 11.7            | 72.4              | 45.6              | 55.4              | 97              | 47              | 78              | 48.7        | 4.0            | 97.2            | 58.4               |
| 10/28/02 | 0.11           | 0.00        | 360              | 10.4            | 76.7              | 39.3              | 53.7              | 100             | 36              | 74              | 45.5        | 3.6            | 87.9            | 57.4               |
| 10/29/02 | 0.10           | 0.00        | 340              | 10.8            | 72.6              | 42.9              | 53.5              | 100             | 43              | 78              | 46.7        | 3.9            | 94.7            | 57.0               |
| 10/30/02 | 0.10           | 0.00        | 349              | 9.9             | 70.9              | 38.3              | 52.3              | 100             | 44              | 74              | 44.4        | 3.5            | 85.2            | 56.8               |
| 10/31/02 | 0.10           | 0.00        | 354              | 8.8             | 70.7              | 36.7              | 51.1              | 99              | 33              | 69              | 41.2        | 3.4            | 81.6            | 56.5               |
| Totals   | 3.69           | 0.04        | 371              | 11.6            | 73.3              | 45.4              | 56.9              | 96              | 48              | 74              | 48.2        | 4.5            | 107.7           | 60.1               |

## Monterey Bay - San Juan Valley - 143

| Date     | CIMIS ETo (in) | Precip (in) | Sol Rad (Ly/day) | Avg Vap (mBars) | Max Air Temp (°F) | Min Air Temp (°F) | Avg Air Temp (°F) | Max Rel Hum (%) | Min Rel Hum (%) | Avg Rel Hum (%) | Dew Pt (°F) | Avg wSpd (MPH) | Wnd Run (miles) | Avg Soil Temp (°F) |
|----------|----------------|-------------|------------------|-----------------|-------------------|-------------------|-------------------|-----------------|-----------------|-----------------|-------------|----------------|-----------------|--------------------|
| 11/01/02 | 0.10           | 0.00        | 340              | 6.6             | 72.1              | 35.3              | 50.3              | 95              | 20              | 53              | 33.9        | 3.5            | 84.4            | 55.6               |
| 11/02/02 | 0.10           | 0.00        | 300              | 5.9             | 74.7              | 35.1              | 51.7              | 78              | 18              | 45              | 31.0        | 2.9            | 69.1            | 55.1               |
| 11/03/02 | 0.11           | 0.00        | 322              | 6.0             | 76.7              | 41.1              | 55.7              | 70              | 18              | 40              | 31.7        | 3.0            | 72.9            | 55.8               |
| 11/04/02 | 0.10           | 0.00        | 345              | 8.2             | 68.6              | 36.4              | 51.2              | 96              | 34              | 64              | 39.3        | 3.6            | 85.8            | 55.4               |
| 11/05/02 | 0.10           | 0.00        | 334              | 9.5             | 76.1              | 37.9              | 51.5              | 100             | 33              | 73              | 43.1        | 3.6            | 87.0            | 55.4               |
| 11/06/02 | 0.07           | 0.00        | 258              | 10.2            | 70.2              | 36.4              | 50.7              | 98              | 43              | 81              | 45.1        | 4.1            | 98.4            | 54.8               |
| 11/07/02 | 0.06           | 0.73        | 188              | 16.0 Y          | 71.2              | 50.9              | 60.8              | 100             | 66              | 88 Y            | 57.2 Y      | 5.9            | 143.2           | 56.2               |
| 11/08/02 | 0.02           | 1.35        | 79               | 19.0 R          | 66.1              | 60.4 Y            | 64.0              | 98              | 86              | R               | I           | 13.1 R         | 316.1 R         | 58.9               |
| 11/09/02 | 0.08           | 0.01        | 284              | 14.7            | 65.4              | 48.8              | 57.5              | 100             | 69              | 91              | 54.9        | 5.3            | 128.6           | 59.3               |
| 11/10/02 | 0.04           | 0.00        | 148              | 13.6            | 64.9              | 45.9              | 54.5              | 100             | 71              | 94              | 52.8        | 4.0            | 96.0            | 57.4               |
| 11/11/02 | 0.07           | 0.00        | 285              | 12.8            | 70.7              | 47.0              | 55.3              | 100             | 51              | 86              | 51.1        | 2.9            | 70.7            | 57.4               |

# Daily Report

## Monterey Bay - San Juan Valley - 143

| Date     | CIMIS ETo (in) | Precip (in) | Sol Rad (Ly/day) | Avg Vap (mBars) | Max Air Temp (°F) | Min Air Temp (°F) | Avg Air Temp (°F) | Max Rel Hum (%) | Min Rel Hum (%) | Avg Rel Hum (%) | Dew Pt (°F) | Avg wSpd (MPH) | Wnd Run (miles) | Avg Soil Temp (°F) |
|----------|----------------|-------------|------------------|-----------------|-------------------|-------------------|-------------------|-----------------|-----------------|-----------------|-------------|----------------|-----------------|--------------------|
| 11/12/02 | 0.07           | 0.00        | 233              | 12.0            | 71.2              | 45.3              | 55.8              | 96              | 50              | 79              | 49.4        | 3.1            | 75.8            | 56.8               |
| 11/13/02 | 0.06           | 0.00        | 210              | 13.8            | 67.7              | 47.7              | 57.5              | 99              | 71              | 86              | 53.2        | 3.1            | 75.1            | 57.1               |
| 11/14/02 | 0.08           | 0.00        | 303              | 11.4            | 71.1              | 46.1              | 55.6              | 100             | 41              | 76              | 48.1        | 3.0            | 73.4            | 57.0               |
| 11/15/02 | 0.08           | 0.00        | 284              | 11.3            | 77.3              | 43.2              | 55.3              | 96              | 43              | 75              | 47.7        | 2.7            | 66.2            | 56.2               |
| 11/16/02 | 0.08           | 0.00        | 276              | 10.7            | 73.1              | 41.1              | 54.4              | 98              | 43              | 74              | 46.3        | 3.5            | 85.2            | 55.8               |
| 11/17/02 | 0.06           | 0.00        | 239              | 12.4            | 67.2              | 42.5              | 54.6              | 100             | 60              | 85              | 50.2        | 2.9            | 70.6            | 56.3               |
| 11/18/02 | 0.08           | 0.00        | 287              | 9.5             | 71.1              | 37.5              | 51.3              | 99              | 42              | 74              | 43.3        | 2.9            | 70.8            | 55.1               |
| 11/19/02 | 0.08           | 0.00        | 292              | 9.3             | 76.6              | 39.4              | 54.4              | 92              | 29              | 65              | 42.7        | 3.1            | 74.8            | 54.2               |
| 11/20/02 | 0.08           | 0.00        | 277              | 10.5            | 80.6              | 42.5              | 56.7              | 88              | 38              | 67              | 45.8        | 2.8            | 68.1            | 54.4               |
| 11/21/02 | 0.06           | 0.00        | 212              | 11.9            | 80.0              | 44.7              | 58.0              | 94              | 37              | 72              | 49.2        | 2.5            | 59.6            | 54.8               |
| 11/22/02 | 0.04           | 0.00        | 162              | 12.0            | 58.0              | 44.7              | 52.3              | 100             | 76              | 89              | 49.3        | 4.7            | 112.4           | 55.0               |
| 11/23/02 | 0.02           | 0.00        | 98               | 11.9            | 59.9              | 44.6              | 53.0              | 100             | 76              | 87              | 49.1        | 3.1            | 75.4            | 55.2               |
| 11/24/02 | 0.04           | 0.00        | 199              | 12.3            | 63.8              | 43.8              | 52.6              | 100             | 69              | 91              | 50.1        | 2.9            | 69.4            | 55.2               |
| 11/25/02 | 0.08           | 0.00        | 278              | 9.4             | 64.7              | 37.0              | 51.1              | 100             | 41              | 74              | 43.0        | 3.8            | 91.7            | 54.7               |
| 11/26/02 | 0.06           | 0.00        | 232              | 7.3             | 69.3              | 35.3              | 47.3              | 92              | 28              | 66              | 36.4        | 2.7            | 64.3            | 52.4               |
| 11/27/02 | 0.07           | 0.00        | 273              | 7.7             | 70.6              | 33.2              | 48.3              | 92              | 37              | 67              | 37.8        | 2.8            | 67.6            | 51.2               |
| 11/28/02 | 0.07           | 0.00        | 268              | 7.7             | 72.5              | 32.1              | 48.9              | 90              | 34              | 65              | 37.7        | 2.9            | 69.7            | 50.6               |
| 11/29/02 | 0.07           | 0.00        | 250              | 8.2             | 72.1              | 38.2              | 51.9              | 90              | 33              | 62              | 39.5        | 2.9            | 69.4            | 50.6               |
| 11/30/02 | 0.01           | 0.00        | 82               | 10.1            | 56.1              | 39.2              | 48.9              | 96              | 70              | 85              | 44.7        | 1.9            | 46.5            | 50.3               |
| Totals   | 2.04           | 2.09        | 245              | 10.7            | 70.0              | 41.8              | 53.7              | 95              | 48              | 74              | 45.0        | 3.6            | 87.9            | 55.1               |

## Monterey Bay - San Juan Valley - 143

| Date     | CIMIS ETo (in) | Precip (in) | Sol Rad (Ly/day) | Avg Vap (mBars) | Max Air Temp (°F) | Min Air Temp (°F) | Avg Air Temp (°F) | Max Rel Hum (%) | Min Rel Hum (%) | Avg Rel Hum (%) | Dew Pt (°F) | Avg wSpd (MPH) | Wnd Run (miles) | Avg Soil Temp (°F) |
|----------|----------------|-------------|------------------|-----------------|-------------------|-------------------|-------------------|-----------------|-----------------|-----------------|-------------|----------------|-----------------|--------------------|
| 12/01/02 | 0.06           | 0.00        | 236              | 11.4            | 65.1              | 40.8              | 51.1              | 100             | 63              | 90              | 48.1        | 2.9            | 71.2            | 51.2               |
| 12/02/02 | 0.06           | 0.00        | 246              | 10.2            | 68.2              | 37.5              | 49.2              | 100             | 51              | 86              | 45.1        | 2.4            | 58.2            | 50.9               |
| 12/03/02 | 0.05           | 0.00        | 228              | 10.1            | 68.1              | 36.6              | 48.7              | 100             | 56              | 86              | 44.7        | 2.5            | 60.8            | 50.3               |
| 12/04/02 | 0.06           | 0.00        | 256              | 9.9             | 69.6              | 35.8              | 48.9              | 100             | 48              | 84              | 44.3        | 2.5            | 59.2            | 49.8               |
| 12/05/02 | 0.04           | 0.00        | 172              | 9.6             | 66.1              | 39.4              | 49.5              | 98              | 46              | 80              | 43.6        | 2.5            | 61.0            | 49.7               |
| 12/06/02 | 0.01           | 0.00        | 76               | 10.2            | 56.6              | 38.3              | 46.8              | 100             | 82              | 93              | 45.0        | 2.9            | 69.7            | 49.2               |
| 12/07/02 | 0.06           | 0.00        | 249              | 9.9             | 66.7              | 33.4              | 47.5              | 100             | 56              | 88              | 44.2        | 2.5            | 60.5            | 48.9               |
| 12/08/02 | 0.06           | 0.00        | 227              | 10.4            | 66.8              | 38.0              | 49.1              | 100             | 58              | 88              | 45.7        | 3.0            | 71.9            | 49.0               |
| 12/09/02 | 0.02           | 0.09        | 96               | 12.4            | 58.8              | 43.8              | 50.8              | 100             | 91              | 98              | 50.3        | 3.6            | 85.8            | 49.9               |
| 12/10/02 | 0.03           | 0.00        | 153              | 12.3            | 60.7              | 44.2              | 50.9              | 100             | 83              | 97              | 50.1        | 3.4            | 81.3            | 50.7               |
| 12/11/02 | 0.04           | 0.00        | 195              | 10.5            | 60.2              | 34.9              | 47.1              | 100             | 77              | 95              | 45.8        | 2.9            | 68.8            | 50.0               |
| 12/12/02 | 0.06           | 0.00        | 230              | 10.7            | 64.6              | 36.5              | 50.2              | 100             | 61              | 87              | 46.4        | 3.5            | 84.4            | 49.7               |
| 12/13/02 | 0.01           | 0.15        | 65               | 13.9 Y          | 59.7              | 48.4 Y            | 54.1              | 100             | 88              | 97 Y            | 53.3 Y      | 2.7            | 66.4            | 50.9               |
| 12/14/02 | 0.05           | 0.76        | 127              | 13.3 Y          | 65.5              | 51.3 Y            | 57.6              | 100             | 61              | 82 Y            | 52.1 Y      | 7.6 Y          | 184.4 Y         | 52.5               |
| 12/15/02 | 0.03           | 0.02        | 86               | 11.9            | 60.5              | 47.0              | 54.8              | 91              | 66              | 81              | 49.1        | 4.4            | 107.4           | 52.1               |
| 12/16/02 | 0.05           | 1.59        | 112              | 12.5            | 62.9              | 49.2 Y            | 56.5              | 96              | 58              | 80              | 50.5        | 12.4 R         | 298.7 R         | 52.8               |
| 12/17/02 | 0.03           | 0.35        | 132              | 10.0            | 55.1              | 37.5              | 47.4              | 100             | 78              | 89              | 44.5        | 5.3            | 127.2           | 51.6               |
| 12/18/02 | 0.04           | 0.08        | 223              | 8.4             | 57.5              | 34.3              | 41.7              | 100             | 64              | 94              | 40.1        | 2.6            | 63.7            | 49.5               |

# Daily Report

## Monterey Bay - San Juan Valley - 143

| Date     | CIMIS ETo (in) | Precip (in) | Sol Rad (Ly/day) | Avg Vap (mBars) | Max Air Temp (°F) | Min Air Temp (°F) | Avg Air Temp (°F) | Max Rel Hum (%) | Min Rel Hum (%) | Avg Rel Hum (%) | Dew Pt (°F) | Avg wSpd (MPH) | Wnd Run (miles) | Avg Soil Temp (°F) |
|----------|----------------|-------------|------------------|-----------------|-------------------|-------------------|-------------------|-----------------|-----------------|-----------------|-------------|----------------|-----------------|--------------------|
| 12/19/02 | 0.03           | 0.58        | 49               | 8.3             | 57.8              | 32.3              | 43.3              | 100             | 56              | 87              | 39.6        | 7.2 Y          | 174.0 Y         | 47.8               |
| 12/20/02 | 0.04           | 0.23 H      | 191              | 10.1            | 58.5              | 33.4              | 46.6              | 100             | 71              | 93              | 44.7        | 4.1            | 98.3            | 47.4               |
| 12/21/02 | 0.02           | 0.06 H      | 120              | 10.8            | 57.1              | 43.3              | 48.2              | 100             | 78              | 94              | 46.7        | 2.5            | 60.0            | 48.8               |
| 12/22/02 | 0.05           | 0.02        | 224              | 8.9             | 56.3              | 35.1              | 45.7              | 100             | 60              | 85              | 41.4        | 2.8            | 67.1            | 48.9               |
| 12/23/02 | 0.05           | 0.01        | 248              | 6.9             | 56.0              | 31.0              | 40.3              | 98              | 56              | 81              | 35.0        | 2.6            | 61.6            | 47.0               |
| 12/24/02 | 0.03           | 0.01        | 140              | 7.4             | 54.0              | 31.4              | 39.8              | 99              | 66              | 89              | 36.8        | 2.4            | 56.9            | 45.8               |
| 12/25/02 | 0.02           | 0.01        | 117              | 8.2             | 51.1              | 31.4              | 41.7              | 100             | 75              | 91              | 39.3        | 2.4            | 58.3            | 45.6               |
| 12/26/02 | 0.02           | 0.01        | 112              | 11.5            | 58.7              | 43.6              | 50.5              | 99              | 78              | 92              | 48.2        | 2.8            | 66.9            | 47.5               |
| 12/27/02 | 0.03           | 0.01        | 131              | 13.6 Y          | 63.2              | 43.4              | 53.9              | 100             | 80              | 96 Y            | 52.7 Y      | 2.4            | 58.8            | 49.2               |
| 12/28/02 | 0.05           | 0.02        | 118              | 11.8            | 65.0              | 48.6 Y            | 53.7              | 100             | 53              | 84              | 48.9        | 9.4 R          | 226.2 R         | 50.4               |
| 12/29/02 | 0.04           | 0.02        | 161              | 10.5            | 57.0              | 39.4              | 49.3              | 100             | 78              | 88              | 45.9        | 5.7            | 138.7           | 49.4               |
| 12/30/02 | 0.02           | 0.29        | 103              | 9.6             | 51.9              | 36.8              | 44.3              | 100             | 85              | 97              | 43.5        | 2.9            | 69.2            | 48.3               |
| 12/31/02 | 0.05           | 0.26        | 173              | 10.9            | 57.8              | 41.5              | 51.7              | 98              | 62              | 83              | 46.8        | 6.5            | 156.4           | 49.2               |
| Totals   | 1.21           | 4.57        | 161              | 10.5            | 60.6              | 39.3              | 48.7              | 99              | 67              | 89              | 45.6        | 4.0            | 95.9            | 49.5               |

### Flag Legend

|                               |                            |                             |
|-------------------------------|----------------------------|-----------------------------|
| A - Historical Average        | I - Ignore                 | R - Far out of Normal Range |
| C or N - Not Collected        | M - Missing Data           | S - Not in Service          |
| H - Hourly Missing or Flagged | Q - Related Sensor Missing | Y - Moderately Out of Range |

### Conversion Table

|                         |                    |
|-------------------------|--------------------|
| W/sq.m = Ly/day / 2.065 | inches * 25.4 = mm |
| C = 5/9 * (F - 32)      | m/s = mph * 0.447  |
| kPa = mBars * 0.1       |                    |